



Enabling Low Power Modes

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Corporate Power Management Enabling HP Experience



- HP became a member of the EPA Million Monitor Drive in April 2004
- Enabled world wide via our corporate IT group
- All monitors set to shut down in 20 minutes or less. User can override but system will reset at boot.
- No significant hardware or software issues identified to date.
 - Some minor problems identified by notebook users related to power management resets
- Estimated Annual Savings for HP
 - 7.8 million kWh
 - \$550,000

Corporate Power Management Enabling HP Experience – Going Forward



- Considering expansion of program to include installed PC base
 - Significant IT resources will be required to ensure smooth transition.
 - Software Compatibility Testing
 - Hardware Compatibility Testing
 - Wake on LAN concerns
- Significant concerns related to loss of data and productivity.

Conclusions



- Hardware/Software compatibility issues must be resolved before wide spread acceptance occurs
- Need to educate IT managers and facilities personnel of benefits.
- Requests for power consumption information increasing during bid process indicating the issue is on the radar for procurement organizations outside government procurement.
- PC manufacturers are customer driven and operating in a low margin, commodity business. EPA, manufacturers and other interested parties need to raise awareness to drive interest and gain support for investments to resolve these issues.